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IN THE SPECIFICATION*Replace paragraph 18 with the following:*

—[0018] The insertion of the RESURF region with an appropriate choice of doping concentration and length ensures that the depletion of the RESURF region extends vertically and reaches the surface before the critical field is reached. This requires that the product of the thickness of the epitaxial layer Z_{SJ} and the doping N_R of the RESURF region satisfy the RESURF condition in the Z direction; i.e. their product should be roughly $2 \times 10^{12} \text{ cm}^{-2}$. On the other hand the SJ pillars doping N_{SJ} and width Y_N , Y_P should satisfy the RESURF condition in the transverse Y direction to ensure that the pillars are completely depleted of their charge carriers before the maximum field reaches the critical electric field at the physical SJs.--